

## DECLARATION FOR PATENT APPLICATION

As a below named inventor, I hereby declare that:

My residence, post office address, and citizenship are as stated below next to my name.

I believe I am an original, first, and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled DIRECT WRITING OF OPTICAL DEVICES IN SILICA-BASED GLASS USING FEMTOSECOND PULSE LASERS, the specification of which is attached hereto unless the following box is checked:

was filed on \_\_\_\_\_ as \_\_\_\_\_ Application Number \_\_\_\_\_ and was amended on \_\_\_\_\_ (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 C.F.R. § 1.56.

I hereby claim foreign priority benefits under 35 U.S.C. § 119(a)-(d) or § 365(b) of any foreign application(s) for patent or inventor's certificate, or § 365(a) of any PCT International application which designated at least one country other than the United States, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or PCT International application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application(s)

Priority Not Claimed

\_\_\_\_\_  \_\_\_\_\_  \_\_\_\_\_

I hereby claim the benefit under 35 U.S.C. § 119(e) of any United States provisional application(s) listed below.

60/146,274 29 July 1999  
 60/172,122 17 December 1999

I hereby claim the benefit under 35 U.S.C. § 120 of any United States application(s), or § 365(c) of any PCT international application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT international application in the manner provided by the first paragraph of 35 U.S.C. § 112, I acknowledge the duty to disclose information which is material to patentability as defined in 37 C.F.R. § 1.56 which became available between the filing date of the prior application and the national or PCT International filing date of this application.

09/627,868 28 July 2000

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full name of sole or first inventor (given name, family name): Alexander Strelets  
Inventor's signature: \_\_\_\_\_ Date: \_\_\_\_\_  
Residence: 137 Field Street, Apt. #2, Corning, New York, 14830 Citizenship: Russia  
Post Office Address: 137 Field Street, Apt. #2, Corning, New York, 14830

Full name of second inventor (given name, family name): Nicholas F. Borrelli  
Inventor's signature: \_\_\_\_\_ Date: \_\_\_\_\_  
Residence: 935 West Water Street, Elmira, New York, 14905 Citizenship: U.S.  
Post Office Address: 935 West Water Street, Elmira, New York, 14905

Full name of third inventor (given name, family name): Charlene M. Smith  
Inventor's signature: \_\_\_\_\_ Date: \_\_\_\_\_  
Residence: 222 Watauga Avenue, Corning, New York, 14830 Citizenship: U.S.  
Post Office Address: 222 Watauga Avenue, Corning, New York, 14830

Additional inventors are named on separately numbered sheets attached hereto.

## **DECLARATION FOR PATENT APPLICATION**

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was filed on as Application Number and was amended on (if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 C.F.R. § 1.56, amended by any amendment referred to above.

I hereby claim foreign priority benefits under 35 U.S.C. § 119(a)-(d) or § 365(b) of any foreign application(s) for patent or inventor's certificate, or § 365(a) of any PCT international application designated at least one country other than the United States, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or PCT international application, having a filing date before that of the application, on which novelty is claimed.

**B prior Foreign Application(s)**

Priority Not Claimed



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60/146,274 29 July 1999  
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09/627 868 28 July 2000

I hereby declare that all statements made herein by my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the analysis or any patent issued thereon.

fourth

Full name of sole or joint inventor (given name, family name): Joseph F. Schroeder III

Inventor's signature: \_\_\_\_\_ Date: \_\_\_\_\_

Inventor's signature: \_\_\_\_\_ Date: \_\_\_\_\_  
Residence: 8769 Stevens Road, Lindley, New York, 14858 Citizenship: U.S.

Residence: 8769 Stevens Road, Lindley, New York, 14858  
Post Office Address: 8769 Stevens Road, Lindley, New York, 14858

Full name of second inventor (given name, family name):

Inventor's signature: \_\_\_\_\_ Date: \_\_\_\_\_

Inventor's signature: \_\_\_\_\_ Citizenship: \_\_\_\_\_

Residence: \_\_\_\_\_

Full name of third inventor (given name, family name):

Inventor's signature: \_\_\_\_\_ Date: \_\_\_\_\_

**Residence:** \_\_\_\_\_ **Citizenship:** \_\_\_\_\_

Post Office Address:

Additional inventors are named on separately numbered sheets attached hereto.

## PATENT

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT(S):	Alexander Streltsov, Nicholas F. Borrelli, Charlene M. Smith, and Joseph F. Schroeder III
APPLN. NO:	Not Yet Assigned
FILED:	Concurrently Herewith
TITLE:	DIRECT WRITING OF OPTICAL DEVICES IN SILICA-BASED GLASS USING FEMTOSECOND PULSE LASERS

## POWER OF ATTORNEY

Assistant Commissioner for Patents  
Washington, D.C. 20231

Dear Sir:

Corning Incorporated, One River Front Plaza, Corning, New York, 14831, a New York corporation, the assignee of the entire right, title, and interest in the above-identified U.S. patent application by virtue of an original assignment, which is being submitted for recordation under separate cover,

hereby revokes all Powers of Attorney previously given and appoints the following attorneys/agents to prosecute and transact all business in the Patent and Trademark Office connected therewith:

Thomas B. Ryan, Reg. No. 31,659  
Edward F. Murphy, Reg. No. 38,251

Please send correspondence to Thomas B. Ryan, at Customer No. 29988.

Respectfully submitted,

CORNING INCORPORATED



29988

PATENT & TRADEMARK OFFICE

By: \_\_\_\_\_ Dated: \_\_\_\_\_  
Alfred L. Michaelsen  
Vice President and General Patent Counsel

**ASSIGNMENT**

**For good and valuable consideration, the ASSIGNOR(S):**

Alexander Streltsov, 137 Field Street, Apt. #2, Corning, New York, 14830;

Nicholas F. Borrelli, 935 West Water Street, Elmira, New York, 14905;

Charlene M. Smith, 222 Watauga Avenue, Corning, New York, 14830; and

Joseph F. Schroeder III, 8769 Stevens Road, Lindley, New York, 14858;

**hereby assign(s) to the ASSIGNEE:**

Corning Incorporated, One River Front Plaza, Corning, New York, 14831, a New York corporation,

**the full and exclusive right, title, and interest**

to the invention disclosed in United States Patent Application entitled

**DIRECT WRITING OF OPTICAL DEVICES IN SILICA-BASED GLASS USING  
FEMTOSECOND PULSE LASERS**

and to all Letters Patent or similar legal protections throughout the world resulting from the application or any substitute or related applications disclosing common subject matter.

**ASSIGNOR(S)** guarantee(s) that no assignment, license, or encumbrance has been or will be made that would conflict with this Assignment.

**ASSIGNOR(S)** agree(s) to cooperate fully in obtaining and enforcing the Letters Patent or similar protections, including communicating any relevant information, signing any lawful and relevant documents, and, at the request and expense of the **ASSIGNEE**, testifying in any legal proceedings.

**ASSIGNOR(S)** hereby authorize and request the attorneys/agents of the  
**ASSIGNEE** to indicate here the execution date(s) of this patent application on  
\_\_\_\_\_  
to comply with  
37 CFR §3.21 for recordal of this Assignment.

Alexander Streltsov, Inventor \_\_\_\_\_

Date \_\_\_\_\_

Witness \_\_\_\_\_

Date \_\_\_\_\_

Nicholas F. Borrelli, Inventor \_\_\_\_\_

Date \_\_\_\_\_

Witness \_\_\_\_\_

Date \_\_\_\_\_

Charlene M. Smith, Inventor \_\_\_\_\_

Date \_\_\_\_\_

Witness \_\_\_\_\_

Date \_\_\_\_\_

Joseph F. Schroeder III, Inventor \_\_\_\_\_

Date \_\_\_\_\_

Witness \_\_\_\_\_

Date \_\_\_\_\_